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OXC-0713

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15 July 1960

MEMORANDUM FOR : Deputy Director (Plans)

THROUGH : Acting Chief, DPD-DD/P JWB

SUBJECT : Eastman-Kodak and Perkin-Elmer Assessments

REFERENCE : OXC-0590, dated 24 May 1960

25X1A

1. [redacted] in late May, discussed the attached memoranda on factors relating to ground resolution with [redacted] 25X1A
25X1A Mr. [redacted] comments are attached under memorandum of 26 May.

25X1A

2. I have delayed returning these papers since I had not, until 7 July, had an opportunity to discuss their contents personally with [redacted] In summary, there is no discrepancy whatsoever between the Eastman-Kodak and Perkin-Elmer assessments of the important parameters which effect ground resolution under the appropriate environmental conditions. Although there are quantitative differences, these are explained by variation in the assumptions made by the two companies as to performance of components of the optical systems, and not on any serious differences of opinion as to the degradation associated with atmospheric turbulence, boundary layer effects, etc. In general, Eastman-Kodak have been a bit more conservative in their design assumptions, although Perkin-Elmer, while somewhat more optimistic, had nowhere assumed an impossible level of performance for any of their components.

25X1A

[redacted]
Chief, Technical Analysis Staff
DPD-DD/P

Attachments:
1. OXC-0590
2. OXC-0592
3. OXC-0591
4. Ltr of 26 May from [redacted] 25X1A

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